THE TALLY SHEET
International Roll-Call®
Volume 3, Issue No. 1 January 2022

TECHNOLOGY UPDATES KICK OFF THE NEW YEAR FOR STATE LEGISLATURES

During the last quarter of 2021 and continuing into the pre-session days of 2022, International Roll-Call® has been deeply engaged in providing updates to legislative technologies across the country. We have spent the weeks before the holidays with our friends in both chambers of the Oklahoma Legislature, the California Senate and Assembly, and the Mississippi House of Representatives. These updates are just the beginning, though, as we have similar projects on schedule for the coming months of 2022, including the Oregon Senate and House of Representatives and the Pennsylvania House of Representatives. While we look forward to these coming opportunities, let's take a look at the most recent IRC projects.

Mississippi House of Representatives: After the start of the partnership between International Roll-Call® and Daktronics, the Mississippi House chamber displays were one of the first cooperative updates we installed. That having been nearly two decades ago, though, the House was in need of updates for the display system.

IRC had our team of professionals as well as Daktronics technicians on site to install, configure, and deploy new chamber displays. While the old displays were 7.62mm tri-color LED displays, the new displays IRC installed are of a significantly higher resolution—3.9mm full color LED displays. For the House, this means they will have a far greater ability to show different types of media on their displays—such as text, images, video, and documents—all rendered in millions of available colors. With the implementation of the updated Display Control System and IRC's xmDisplay software, multiple sources can tap into the displays and be managed from the custom-configured Show Control application. We look forward to seeing what kind of legislative content the House dreams up for their new displays (possibly including the occasional college football game).

(continued on page 3)

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A Letter from the President

Dear Friends,

Welcome to 2022, the 86th anniversary year for International Roll-Call® Corporation. As always, IRC is ready to kick-off the New Year with invigoration and energy. I trust you and your family enjoyed the recent holidays, and I take this opportunity to send New Year greetings and positive wishes for the days ahead.

It was a welcome this past year as we returned to a degree of normalcy including the ability to renew friendships and visit in person at the ASLCS Annual Professional Development Seminar, in Portland, ME and the NCSL Summit, in Tampa FL. IRC was privileged to participate with new and old friends.

As you know, IRC, since 1936, has a rich tradition of service and positive results. We have a tradition of exquisite service to our customers. Our commitment to those we serve is unrelenting. As our IRC family grows, please know that we add those that possess the same commitment to customer service quality that has rung true in our mission over the years.

IRC has a tradition of responsibility. IRC always is dedicated to provide channels of communication, products, and services that will meet your needs and expectations. We are continually working to improve our line of products and offer new digital, state-of-the art legislative technology to you and the members and institutions you serve. This past year saw improvements to and installations of the Virtual Voting Console system, installation of state-of-the-art new voting displays in California, Connecticut, Kansas, Nebraska, Mississippi, and Oklahoma and we are moving forward with the final stages of development of our 3rd Reading legislative management system. We also created and released many new client relations resources as other internal technologies that enhance our level of care.

IRC has a tradition of giving back. We were excited to see the awarding of the first David Ward Technology scholarship this year for an Associate participant to the ASLCS PDS. Our future depends on the nurturing of those that will follow in our footsteps and we are always ready to step up to help the next generation.

A successful future is also dependent upon your satisfaction and your kind referrals. IRC is grounded in a solid tradition of legislative service, we look ahead with focus, determination, and dedication always focused on serving you! As always, I would like to thank you all for your loyalty and dedication. The year ahead will bring us new challenges and opportunities, but I am committed, as is the entire IRC team, to be your partner, stay focused on our priorities, and always put our clients first.

Good luck with Session and all that is before you. Should you have any questions or comments, they are as always welcome. Please feel free to reach out to me at bschaeffer@roll-call.com or call me at 804-730-9600.

With sincere appreciation,

(Technology Updates continued from Page 1)

California Senate and Assembly

Over the fall, in the California Senate, IRC technicians removed the system control unit from the Annex building where it resided and re-installed the unit in an equipment room located in the Capitol. On the heels of this, IRC also installed the new 1.5mm full color LED display in the Senate chamber. This installation has the distinction of being the first 1.5mm display IRC has implemented (Note: IRC demonstrated the 1.5mm during the NCSL Legislative Summit) and, therefore, is the highest resolution LED display of all IRC installations.

In the Assembly, as part of the overall project to remove equipment from the Annex building in preparation for demolition, IRC migrated the VSCU-1000 system control unit and all related voting system components from the Annex to the equipment room in the Capitol building. As part of this project, IRC provided technical support and advice regarding the remove and rerouting of communications cables to the voting system components. Additionally, IRC provided the Assembly with dual USB and Ethernet ports as well as a custom designed and finished face plate for each member desk location. *(continued on page 5)*

IRC Welcomes Craig MacIvor
Software Developer,
Legislative Management Solutions

IRC is proud to announce that Craig MacIvor has joined the IRC team as a member of the 3rd Reading Legislative Management Solutions team.

As a software developer on the IRC 3rd Reading Legislative Management Solutions team, Craig brings ten years of experience in information technology across a range of industries and programming languages. He enjoys tinkering with new tools, exploring different ways of solving problems, and writing clean and maintainable code.

When not in the office, he is an avid outdoorsman and especially likes hiking, camping, skiing or kayaking, all usually with his playful lab retriever Emmitt.

IRC Salutes and Honors Patrick Flahaven, 78, Secretary of Minnesota Senate for 36 years

IRC was saddened to learn of the passing of Patrick Flahaven. He served as the Secretary of the Senate for 36 years, having retired in 2009. All of us here at IRC valued both our professional and personal friendship with Pat.

Pat died of complications from a stroke Sunday, November 21, 2021 at Regions Hospital in St. Paul, MN. He turned 78 that day.

Rest in peace, Pat. All of us are better for knowing you and calling you a friend.

The entire obituary tribute article can be found at in the following Twin Cities Pioneer Press link:
https://www.twincities.com/2021/11/23/obituary-patrick-flahaven-78-secretary-of-minnesota-senate-for-36-years/
Obituary and photos reprinted from Twin Cities Pioneer Press

WHAT'S COOKING AT IRC?

Pastitsio

(submitted by Rita Barlow)

Pastitsio is a layered pasta casserole that is extremely popular because it uses simple, basic ingredients.

Thin Cream Sauce
4 tablespoons butter
2 cups hot milk
1/3 cup all-purpose flour
2 egg yolks

Thick Cream Sauce
4 cups milk
½ cup all-purpose flour
4 eggs

Filling
1 ½ cups chopped onions
dash of ground cinnamon
2 pounds ground beef
salt and pepper to taste
4 tablespoons butter
1 tablespoon minced garlic
2 cups Italian plum tomatoes, chopped
1 ¼ pounds tubular pasta (ziti #2)
1 cup tomato sauce
½ cup breadcrumbs
1 teaspoon dried or 1 tablespoon
1 cup grated kefalotyri or Parmesan cheese
fresh chopped oregano

Prepare thin sauce

Melt butter in saucepan. Stir in flour and cook until mixture turns golden. Gradually stir in hot milk and cook, stirring, until sauced is smooth and hot. In a small bowl, beat egg yoks, then briskly stir in 1 cup of hot milk mixture. Pour egg-milk mixture in into remaining sauce. Stir and remove from heat without cooking the eggs.

Prepare thick sauce

Heat milk to a simmer and set aside. In a bowl, beat eggs with flour. Gradually stir hot milk into egg mixture. Return to saucepan and cook, stirring constantly, until mixture is quite thick. Do not boil after eggs have been added.

Prepare Filling

Brown chopped onions and meat in butter. Add tomatoes, tomato sauce, spices, and seasonings. Cover and simmer for 30 minutes, or until liquid has been absorbed. Cool.

Preheat oven to 350 degrees.

Cook pasta according to package directions, and drain.

Sprinkle breadcrumbs in a buttered 11x14x2-inch baking pan. Place a layer of pasta in the baking pan; then add half the thin cream sauce.

Add meat. Sprinkle with a ¼ cup grated cheese. Add another layer of pasta and sprinkle with ¼ cup cheese. Cover with remaining thick cream sauce. Spread thick cream sauce over the top and sprinkle with remaining ½ cup cheese.

Bake for 1 hour, or until golden. Let stand 15 minutes to cool, and cut into squares (you cannot cut the Pastitsio easily unless you cool it for 15 minutes). When ready to serve, reheat in hot oven.

Note: This dish can be prepared a day in advance, adding the thick cream sauce just before baking the dish.

(Technology Updates continued from Page 3)

Oklahoma Senate and House of Representatives: As part of renovations in both the Senate and House chambers in Oklahoma, IRC worked closely with each chamber's staff and their chosen vendors to implement the changes and improvements relating to the voting system.

For the Senate, we spearheaded the design of the new member voting consoles as well as other positions at the dais. These robust member voting consoles incorporate not only the voting electronics but an audio speaker, headphone jack with volume control, power and USB ports, an Ethernet jack for data, and a recessed microphone position.

From conceptual sketches to 3D renderings, IRC worked alongside the various vendors involved to craft the most tailored solution possible for the Senate. IRC provided new voting electronics for these consoles as well as the new face plates and certain mounting and finishing fixtures.

Along with the new consoles, IRC provided the Senate with a new VSCU-1000 system control, and the xmLegislator™ Voting Software was implemented in the Senate chamber as well for 14 Senate committees and 6 sub-committees.

The Senate display was not exempt from being updated during the renovation and IRC installed a new 1.9mm full color LED display in the chamber along with the Display Control System, xmDisplay, and Show Control for total management and customization of the new Senate display.

Additionally, IRC provided and installed our xmOverlayCG character generation system in the Senate which will allow them to overlay voting system text and data on the live and recorded video feed of session.

In the House, IRC's updates were more focused as we provided collaborative design of the new member voting consoles and audio consoles at the dais. We relocated the voting electronics from the old consoles to the new ones. As with the Senate, IRC also provided and installed the xmOverlayCG character generation system to the House.

With the totality of these updates, we are sure both the Senate and the House will enjoy their streamlined legislative experience for years to come and we are excited to have been such an integral part of another successful project!

A New Home for International Roll-Call!

One of the more taxing and difficult projects IRC completed in 2021 had nothing to do with any customer or state legislature, but rather it was wrangling all of our stuff from the building we had occupied for over 40 years to move to a new location!

Closer to the center of Richmond, our new office building offers the space to allow IRC to grow together as a company with an expanding software development team and more focused design and production of our custom hardware. Please update your contact information to our new address below.

International Roll-Call – 5316 Patterson Avenue – Richmond, Virginia 23226 – Phone: 804-730-9600

Back Among Friends & Colleagues:

ASLCS Fall PDS & NCSL Summit 2021

IRC was glad to have been able to attend the ASLCS Fall Professional Development Seminar in Portland, Maine as well as the NCSL Legislative Summit in Tampa, Florida—both in 2021. In a year that certainly saw its challenges and many event cancellations, it was great to finally once again be able to see and meet with our customers and friends from all over the country and be introduced to so many who work within the legislative world. We hope you enjoy some of the photos we brought back home with us and share with you now in this edition of the Tally Sheet.

"A good snapshot keeps a moment from running away."

– Eudora Welty

Allen Smothers

Lead Software Developer, Legislative Management Solutions

Born and raised in a small town in central Ohio, Allen Smothers has worked all his life beginning with odd jobs on various farms, part-time jobs in the field of agriculture, meat-cutter in a meatpacking plant, wearing the cloth of his country as a US Marine, working as a waiter and bartender, and now a Software Developer for IRC.

Over the years, and with the influence of his father, Allen developed a lifelong love of all things mechanical especially cars and motorcycles and has raced motorcycles on dirt tracks.

During Allen's service in the US Marine Corps, Allen was a crew member aboard an Amphibious Assault Vehicle and spent his free time exploring the West Coast camping, swimming, and skiing.

A 1991 graduate of Virginia Commonwealth with a Bachelor of Arts degree in English Literature. He continued his pursuit of higher education earning a Master of the Arts in Literary Theory and Literary Criticism from George Mason University. Allen's graduate thesis was a literary analysis of William Gibson's seminal cyberpunk novel Neuromancer.

It was during Allen's final year at George Mason when he discovered a passion for Information Technology that would eventually become his second career. He returned to VCU, this time enrolling in the School of Business Information Technology Postbaccalaureate program earning his certificate in 2000. That summer Allen married his college sweetheart Katherine, a retired professional dancer with the Richmond Ballet.

In recent years, Allen has worked at a variety of consulting firms and small businesses. He eventually gravitated toward a specialization in web application development. During his career as an IT specialist, Allen has helped VCU privatize and take their academic proficiency software called "Weave" to 175 universities. Allen was part of the team that rewrote the application to allow deployment at scale. Prior to joining IRC, Allen helped the Virginia Retirement System migrate from a mainframe system to a web-based solution.

Allen joined IRC in the summer of 2020 to help develop the 3rd Reading legislative management system product. Allen is proud to be part of a talented team of analysts and developers building this exciting software using the latest technology and management practices.

In his free time, Allen enjoys his hobbies which still include racing. Today he races vintage German cars with a local chapter of the National Auto Sport Association. Allen and his wife have 3 lovely daughters.

Kansas House of Representatives Pays Respects to US Senator Robert J. "Bob" Dole

The Kansas House of Representatives recently shared with IRC their usage of the new state-of-the-art voting display boards, utilizing them for a patriotic tribute to the service of US Senator Robert "Bob" Dole. As an early part of his illustrious political and public service career, Senator Dole served as a member of the Kansas House of Representatives representing the 81st District from 1951-1953.

SCHOLARSHIP AWARDED

The David A. Ward (former President of IRC) Technology & Innovation Scholarship was established to assist Associate members of the American Society of Legislative Clerks and Secretaries (ASLCS) with costs related to attending the Society's Professional Development Seminar.

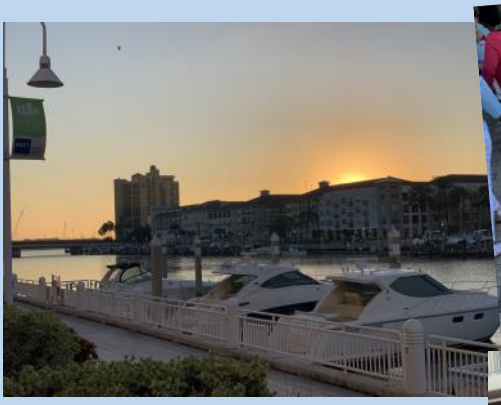
Recently, the inaugural Scholarship was awarded to the plucky and innovative Brittany Yunker-Carlson, currently serving in the Washington Senate workroom to support the business of the legislature and needs of the state Senate.

“I like to say that I work in ‘mission control’ at the Senate. My job is not to go to the moon, but to get others there (and back)..." Yunker-Carlson has said.

Having had a fascinating career and life so far (including introducing electronic sign-in at the committee level, building her own "tiny house" where she resides, skiing into work, and assisting the Lieutenant Governor, among other things) IRC is delighted with the Society's decision to award the scholarship to her. We have a feeling that a long and storied career in legislative service has only just begun for Ms. Yunker-Carlson and there are no doubt great things are yet to come.

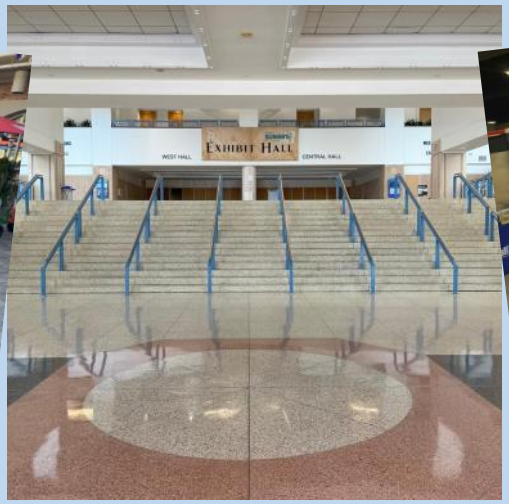
We at IRC are proud to have been even a small part of her journey.

(For more information on Ms. Yunker-Carlson check out the NCSL Blog article: www.ncsl.org/blog/2017/12/04/from-tiny-house-to-statehouse.aspx)



"You don't make a photograph just with a camera. You bring to the act of photography all the pictures you have seen, the books you have read, the music you have heard, the people you have loved."

— Ansel Adams



Did You Know...?

THROWBACK HISTORY EDITION!

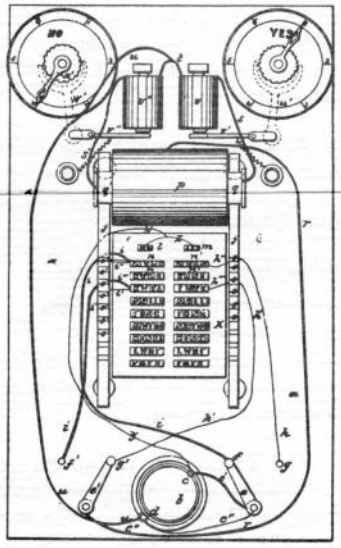
LATEST MODEL OF THE THOMPSON ROLL CALL:

BULLETIN 101
THE ELECTRICAL ROLL-CALL IS BORN

T. A. EDISON.

Electric Vote-Recorder.

No. 90,646. Patented June 1, 1869.



Witnesses.
Edward D. Wright
De Witt C. Roberts

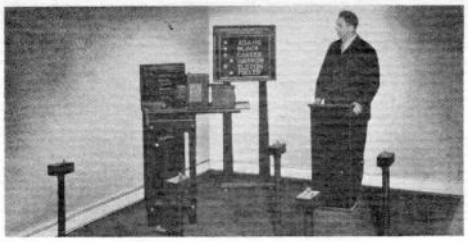
Inventor.
Thomas A. Edison.

The art of electrical voting was born June 1, 1869, when Thomas A. Edison's first patent was granted, on an "Electrographic Vote Recorder."

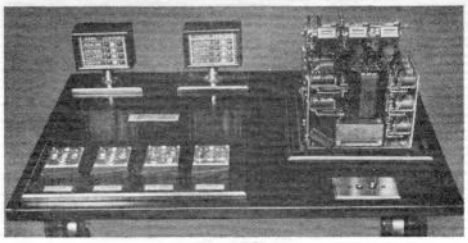
A simple switch at each desk, when moved to the YES or NO position, energized the Member's name in either the YES or NO column of type. A traveling carriage pressed sensitive paper against the type to record the vote; and it also picked up commutator impulses to actuate the escapement-type totalizers.

Edison's associate, Frank L. Dyer, and a famed inventor in his own right, advanced the art with a 1902 patent showing a key operated and remotely resettable voting switch, improved commutator and escapement-type totalizers, and a much improved recorder, printing the Members' names with ink, on YEA or NAY paper tapes. Between 1917 and 1919 Dyer enlarged his patent structure to also record PRESENT and PAIRED, and added the Indicator Board; and with John W. Dyer, patented a method of high-speed recording. Eventually the Dyer patents were sold to Marshall F. Thompson.

Between 1915 and 1917, Bornett L. Bobroff, of Milwaukee, Wis., and Marshall F. Thompson, then of Washington, D. C., filed their first roll-call patent applications, and exhibited models of their respective roll-call systems.



Bobroff—1917
Photographic Record—Ammeter Totaling



Thompson—1917
Perforated Record—Commutator Totaling

By 1922, Bobroff's Universal Indicator Company had installed his photographic roll-call system in the House Chambers of Wisconsin, Iowa, Texas and Louisiana. The Thompson Voting Machine Company spent those years improving the perforating roll-call before offering it to the States.

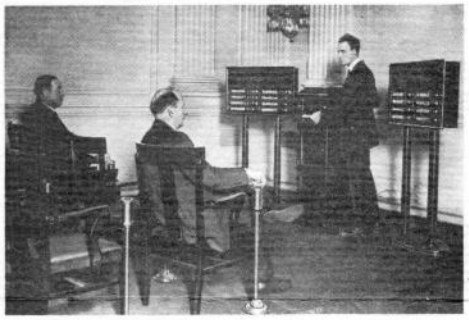
LICENSED MANUFACTURER OF THE THOMPSON ROLL CALL—USED BY MORE THAN HALF THE STATES

Did You Know...?

THROWBACK HISTORY EDITION!

LATEST MODEL OF THE THOMPSON ROLL CALL:

BULLETIN 102
THE THOMPSON ROLL-CALL ARRIVES



Marshall F. Thompson Demonstrates—1922

First Perforating Roll-Call, Virginia, 1923

Early Thompson (American Signal), La.—1931

The Thompson Voting Machine Company demonstrated the perforating roll-call to Congress in 1922, and in 1923 installed the first commercial perforating roll-call in the Virginia House of Delegates. In 1926 they consolidated with the Universal Indicator Company, under the name of American Signal Corporation.

The American Signal Corporation discontinued the Bobroff machines, and between 1928 and 1948 sold 20 early-Thompson systems,—using:

a. Interlocking pushbutton switches,
b. Traveling carriage perforator,
c. Flatbed commutator,
d. Printing counters, Veeder counters perfected by Charles F. Thompson, Sr., and later, relay counters.

In 1936 Charles F. Thompson, Jr., applied for a long series of patents to simplify, speed up, and correct the failures of the American Signal type of equipment. In 1936 also, he and Marshall F. Thompson formed their own company: International Roll-Call Corporation, to which all of their modern patents are assigned.

In 1942, after 6 more years of engineering, the first two modern high-speed Thompson-International systems were completed in the Virginia Senate and House of Delegates. They revolutionized the art of electrical voting.

In 1950, International Roll-Call Corporation bought out the American Signal Corporation, and discontinued the early model as obsolescent.

Today International Roll-Call Corporation has it's systems in over half the states in the U. S., plus the United Nations and the Jacksonville City Council.

To meet the demands of the Legislatures who now utilize computers and other high speed equipment to help speed up the Legislative process, we at International Roll-Call Corporation now utilize high speed electronic circuits that allow us to total a 150 member Legislature in 1/2 the time it takes to blink your eye.

As an option we can provide an interface unit to connect our Roll-Call system with any computer.

AMERICA'S EXCLUSIVE MANUFACTURER OF ROLL CALL SYSTEMS—WITH OR WITHOUT SOUND

Moments From the IRC 2021 Christmas & Holiday Party

Although we do our best to have fun all year long while serving the needs of our legislative customers, we at IRC do like to set aside one evening of the year to come together and renew our camaraderie and commitment to each other. That is the night of the IRC Christmas and Holiday Party. This year, we gathered with our IRC family, including team members both past and present, loved ones, and other professional colleagues and friends to ring in the season with plenty of cheer! We celebrated the holidays at Dover Hall, an elegant Tudor-style estate located in rural Goochland County Virginia.

"Christmas, children, is not a date. It is a state of mind."
–Mary Ellen Chase

Moments From the IRC 2021 Christmas & Holiday Party

"May your walls know joy, may every room hold laughter, and every window open to great possibility."
– Mary Anne Radmacher

All of us at IRC hope that all of you in the Legislative community had a merry and joyous holiday season!

IRC SESSION SUPPORT STANDS READY

As each of you approach your respective 2022 Regular Session, IRC is fully aware of the challenges that lie ahead. Please be assured that the IRC team of professional staff are ready to respond to any voting system, voting display, or legislative management system need or issue you may encounter during the Session. As a reminder, we would like to reiterate the following support information:

Normal Office Hours: A KEY element of our maintenance support and service agreements is access to IRC technicians in the event of hardware or software related issues. IRC's corporate offices are open between the hours of 8:30 a.m. to 5:00 p.m. (EST). You may call the main IRC office number at 804-730-9600.

Remote System Support Service: Using standard hardware and software, legislative staff can arrange for an IRC representative to connect directly into the voting system and chamber/committee automation systems (with customer-enabled security) to assist in the diagnosis of any reported system problems. Remote service is a standard support practice of IRC, and remote access must be available during the Session hours of operation. IRC currently provides GoTo Meeting or GoTo Assist application access and support. These programs can assist in supporting Legislative staff by allowing an IRC representative to have the ability to assist with service, support and/or training on the voting system and chamber/committee automation systems.

24 Hour Session Support Service: In an effort to continue our commitment to provide all IRC clients with around-the-clock 24/7 support access, please use the following list of contact information for **any issues with your voting displays, member voting consoles, voting software, or other voting hardware components.**

For **NON-EMERGENCY SERVICE**, during the normal corporate office hours for IRC, Monday through Friday, 8:30 a.m. to 5:00 p.m. Eastern Standard Time, please use the office main telephone number 804-730-9600 and request one of the staff listed below.

For **EMERGENCY SERVICE**, please use the IRC main number 804-730-9600 or contact any of the staff directly in the order listed on the final quick reference contact sheet on page 16.

QUICK REFERENCE CONTACT INFO

NON-EMERGENCY SERVICE

Monday through Friday, 8:30 a.m. to 5:00 p.m. Eastern Standard Time – 804-730-9600 and request one of the staff listed

EMERGENCY SERVICE

Any time of day or night – 804-730-9600 or contact any of the staff directly in the order listed

Key IRC personnel can be reached at the following office and mobile telephone numbers or email. These staff are accessible to you at these contact numbers and email during both regular hours and after hours (24/7). For either a voicemail message or email, please provide as much detail as possible relevant to the situation requiring the contact and please provide your contact information or alternative staff contact information so that the issue can be addressed in a prompt and timely manner.

Voting Software and Hardware Issues Call:

Ryan Babcock
(Office) (804) 730-9600 Ext. 104
(Mobile) (254) 383-4670
Email – rbabcock@roll-call.com

Tyler Schaeffer
(Office) (804) 730-9600 Ext. 105
(Mobile) (804) 239-5964
Email – tyler@roll-call.com

Legislative Management System Issue Call:

Bryan Hogan
(Office) (804) 730-9600 Ext. 107
(Mobile) (804) 380-7864
Email – bryan@roll-call.com